ThinkCentre neo 50q Gen 4 12LN0025PB



The product images are for illustration purposes only. Actual product appearance, ports, keyboard layout, and accessories may vary by model.

Premier Support - A direct 24x7x365 line to our most elite technicians.

- Advanced technical support, 24x7x365, in more than 100 markets
- Comprehensive hardware & OEM software support
- Single point of contact for simplified end-to-end case management
- Technical Account Managers for proactive relationship and escalation management
- Priority on service delivery and repair parts
- Lenovo Service Connect Portal for customized reporting and product support

Accidental Damage Protection - Protection of your PC from the unexpected.

Experience shows that a significant portion of devices may be damaged (and not covered under warranty) in the first three years. Lenovo's Accidental Damage Protection service covers accidents beyond the system warranty such as drops, spills, bumps and even electrical surges. Make sure your new device has maximum protection, avoid unplanned costs and get peace of mind.

Base Warranty - Included with the systems you purchase, default 1- or 3-year coverage window.

Warranty Extensions & Upgrades - Service and protection that's right for your circumstances.

- Pick Up & Return Courier
- Onsite Support
- Technician Installed Customer
- Replaceable Unit Service
- International Warranty Upgrade

Recommended Accessories

Poland



Lenovo Wireless Headphone 2000

GXD1W20502



ThinkPad Bluetooth Presenter Mouse (Aura Edition)

4Y51T62792



Lenovo PS8S Portable SSD 4TB

4XB1T91892

>> View More Accessories

Recommended Services

Best

4Y Premier Support Upgrade from 3Y Onsite (5WS0T36207)

Better

3Y Premier Support Upgrade from 3Y Onsite (5WS0U26647)

Good

5Y Onsite upgrade from 3Y Onsite (5WS0D81042)

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PERFORMANCE

Processor
Intel Core™ i5-13420H, 8C (4P + 4E) / 12T, P-core up to 4.6GHz, E-core up to 3.4GHz, 12MB Intel® Smart Cache[1]

Graphics
Integrated Intel® UHD Graphics

Chipset
Intel® SoC Platform

Memory
1x 8GB SODIMM DDR4-3200

Memory Slots
Two DDR4 SODIMM slots, dual-channel capable

Max Memory[2]
Up to 32GB DDR4-3200

Storage
512GB SSD M.2 2280 PCIe® 4.0x4 NVMe® Opal 2.0

Max Storage Support[3][4]
Up to two drives, 1x 2.5" HDD + 1x M.2 SSD • 2.5" HDD up to 1TB • M.2 SSD up to 1TB

Card Reader
No card reader

Optical
None

Audio Chip
High Definition (HD) Audio, Realtek® ALC256 codec

Speakers
2Wx1

Microphone
No microphone

Power Supply[5]
65W 89% Adapter

DESIGN

Keyboard
USB Calliope Keyboard, Black, English (EU)

Mouse
USB Calliope Mouse, Black

Optional Bay
2.5" HDD Bracket

Expansion Slots
Two M.2 slots (one for WLAN, one for SSD)

Case Color
Black

System Fan
1x System Fan

Stand
None

Adapter Cage
None

Toolless Chassis Screw
Toolless Chassis Screw

Mounting
1x VESA Mount

Pen
Pen Not Supported

Form Factor
Tiny (1L)

Dimensions (WxDxH)[6]
179 x 182.9 x 36.5 mm (7.05 x 7.2 x 1.44 inches)

Weight[7]
Around 1.11 kg (2.45 lbs)

CONNECTIVITY

WLAN + Bluetooth
Intel® Wi-Fi® 6 AX201, 802.11ax 2x2 + BT5.2

WWAN
WWAN Not Supported

Ethernet
Integrated 100/1000M

Front Ports
- 1x USB-C® 3.2 Gen 2 (support data transfer and 5V@0.9A charging)
- 1x USB 3.2 Gen 2 (Always On and 5V@2.1A charging)
- 1x headphone / microphone combo jack (3.5mm)

Optional Front Ports (configured)
None

Rear Ports
- 1x HDMI® 2.1 TMDS
- 1x DisplayPort™ 1.4
- 1x Ethernet (RJ-45)
- 2x USB 2.0
- 2x USB 3.2 Gen 2

Optional Rear Ports (configured)
None

Monitor Cable
None

SECURITY & PRIVACY

Security Chip
Firmware TPM 2.0 integrated in SoC

Physical Locks
Kensington Security Slot™, 3 x 7 mm

Chassis Intrusion Switch
Chassis Intrusion Switch

MANAGEABILITY

System Management
Non-vPro

SERVICE

Base Warranty
1-year, Onsite

Included Upgrade
3Y Onsite upgrade from 1Y Onsite

CERTIFICATIONS

Green Certifications
- ENERGY STAR® 8.0
- EPEAT Gold Registered
- ErP Lot 3/7
- RoHS compliant
- TCO Certified, generation 9

SOFTWARE

Operating System
Windows® 11 Pro, Polish / English

Bundled Software
None

MODEL

Product	: ThinKCentre neo 50q Gen 4		
TopSeller	: Yes	**EAN / UPC / JAN**	: 0197529125069
Announce Date	: 2023-04-18	**End of Support**	: 2029-11-18

Note:
[1] Intel Max Turbo frequency will vary depending on application workload and the hardware and software configurations, see http://www.intel.com/technology/turboboost/ for more information.
[2] The max memory is based on the test results with current Lenovo memory offerings.
[3] The max capacity of each disk type is based on the test results with current Lenovo storage offerings.
[4] 2.5" HDD bracket kit only comes with pre-configured HDD models.
[5] The optional 90w adapter may increase performance scores when i5-13420H CPUs are installed. When work with TIO monitor, an appropriate power adapter is needed. Customer may need to: ? Order a Tiny for TIO MT (12LQ, 12LR) models ? Or for Intel Core i5 models order an additional 135W power adapter, for Intel Core i3 models order an additional 90W power adapter. If original power adapter is less than 135W (i5 models) or 90W (i3 models). For detailed information, please refer to ThinkCentre neo 50q Gen 4 Adapter Matrix
[6] The system dimensions may vary depending on configurations.
[7] The system weight is approximate and based on results in Lenovo lab, which varies depending on the source of component, variance of the distribution of each component, and manufacturing process. It may not be the exact weight for each specific model.

- Please refer to the official Lenovo store website or contact a local Lenovo sales representative or authorized business partner for current inventory and purchase options.
- Lenovo reserves the right to change specifications without notice.